

LINER RETENTION SYSTEM

ABSTRACT OF THE DISCLOSURE

A liner retention system for a reciprocating pump having a piston and a piston rod operating in a cavity of a frame. The system includes a cylindrical liner for the piston and piston rod, the liner having a radially extending external shoulder. A liner clamp plate has a central opening receivable over the liner and a plurality of stud apertures. A plurality of studs extends from the frame, each stud
5 terminating in a threaded end spaced from a module block. At least one compression sleeve has an inside diameter larger than an external diameter of the stud. Tensioner mechanism secures each stud to the liner clamp plate to thereby secure the cylindrical liner to the module block.